CR● Errors Corrected by the STIC Sy●ms Branch

ENTERED

Serial Number: 09/587,662A

CRF Processing Date: 5/21/2001
Edited by: A
Verified by: (STIC staff)

- [ ] Changed a file from non-ASCII to ASCII

- [ ] Changed the margins in cases where the sequence text was "wrapped" down to the next line.

- [ ] Edited a format error in the Current Application Data section, specifically:
  _____

- [ ] Edited the Current Application Data section with the actual current number. The number inputted by the applicant was [ ] the prior application data; or [ ] other _____.

- [ ] Added the mandatory heading and subheadings for "Current Application Data".

- [ ] Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

- [ ] Changed the spelling of a mandatory field (the headings or subheadings), specifically:
  _____

- [ ] Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
  _____

- [ ] Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
  _____

- [ ] Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- [ ] Inserted colons after headings/subheadings. Headings edited included:
  _____

RECEIVED

JUN 2 1 2001

TECH CENTER 1600/2900

- [ ] Deleted extra, invalid, headings used by an applicant, specifically:
  _____

- [x] Deleted: [x] non-ASCII "garbage" at the beginning/end of files; [ ] secretary initials/filename at end of file; [ ] page numbers throughout text; [ ] other invalid text, such as_____.

- [ ] Inserted mandatory headings, specifically: _____

- [ ] Corrected an obvious error in the response, specifically:
  _____

- [ ] Edited identifiers where upper case is used but lower case is required, or vice versa.

- [ ] Corrected an error in the Number of Sequences field, specifically:
  _____

- [ ] A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- [ ] Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- [ ] Other:
  _____
  _____
  _____

'Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING   DATE: 06/01/2001
PATENT APPLICATION: **US/09/587,662A**   TIME: 19:16:40

Input Set : **A:\Pto.amc**
Output Set: **C:\CRF3\06012001\I587662A.raw**

```
   3 <110> APPLICANT: Au, Jessie L.-S.
   4         Wientjes, M. Guillaume
   6 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING DRUG ACTIVITY
   7         THROUGH TELOMERE DAMAGE
   9 <130> FILE REFERENCE: JAG-004
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/587,662A
C--> 12 <141> CURRENT FILING DATE: 2000-06-05
  14 <150> PRIOR APPLICATION NUMBER: 60/137,549
  15 <151> PRIOR FILING DATE: 1999-06-04
  17 <160> NUMBER OF SEQ ID NOS: 11
  19 <170> SOFTWARE: PatentIn Ver. 2.0
  21 <210> SEQ ID NO: 1
  22 <211> LENGTH: 18
  23 <212> TYPE: DNA
  24 <213> ORGANISM: Artificial Sequence
  26 <220> FEATURE:
  27 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
  29 <400> SEQUENCE: 1
  30 aatccgtcga gcagagtt                                              18
  32 <210> SEQ ID NO: 2
  33 <211> LENGTH: 24
  34 <212> TYPE: DNA
  35 <213> ORGANISM: Artificial Sequence
  37 <220> FEATURE:
  38 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
  40 <400> SEQUENCE: 2
  41 cccttaccct tacccttacc ctta                                       24
  43 <210> SEQ ID NO: 3
  44 <211> LENGTH: 20
  45 <212> TYPE: DNA
  46 <213> ORGANISM: Artificial Sequence
  48 <220> FEATURE:
  49 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
  51 <400> SEQUENCE: 3
  52 acacaacata cgagccggaa                                            20
  54 <210> SEQ ID NO: 4
  55 <211> LENGTH: 20
  56 <212> TYPE: DNA
  57 <213> ORGANISM: Artificial Sequence
  59 <220> FEATURE:
  60 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
  62 <400> SEQUENCE: 4
  63 ttaatgcagc tggcacgaca                                            20
  65 <210> SEQ ID NO: 5
  66 <211> LENGTH: 24
  67 <212> TYPE: DNA
  68 <213> ORGANISM: Artificial Sequence
```

RAW SEQUENCE LISTING   DATE: 06/01/2001
PATENT APPLICATION: US/09/587,662A   TIME: 19:16:40

          Input Set : A:\Pto.amc
          Output Set: C:\CRF3\06012001\I587662A.raw

```
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
73 <400> SEQUENCE: 5
74 cagctgacat tttttgtttg ctct                                24
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 20
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
84 <400> SEQUENCE: 6
85 gggttgcgga gggtgggcct                                     20
87 <210> SEQ ID NO: 7
88 <211> LENGTH: 20
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
95 <400> SEQUENCE: 7
96 taatacgact cactataggg                                     20
98 <210> SEQ ID NO: 8
99 <211> LENGTH: 20
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
106 <400> SEQUENCE: 8
107 attaaccctc actaaaggga                                    20
109 <210> SEQ ID NO: 9
110 <211> LENGTH: 17
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
117 <400> SEQUENCE: 9
118 gttttcccag tcacgac                                       17
120 <210> SEQ ID NO: 10
121 <211> LENGTH: 6
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
128 <400> SEQUENCE: 10
129 ttaggg                                                   6
131 <210> SEQ ID NO: 11
132 <211> LENGTH: 24
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
```

RAW SEQUENCE LISTING   DATE: 06/01/2001
PATENT APPLICATION: US/09/587,662A   TIME: 19:16:40

Input Set : A:\Pto.amc
Output Set: C:\CRF3\06012001\I587662A.raw

137 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
139 <400> SEQUENCE: 11
140 ttagggttag ggttagggtt aggg   24

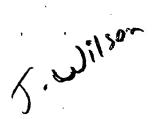**VERIFICATION SUMMARY**   DATE: 06/01/2001
PATENT APPLICATION: **US/09/587,662A**   TIME: 19:16:41

Input Set : **A:\Pto.amc**
Output Set: **C:\CRF3\06012001\I587662A.raw**

L:11 M:270 C: Current Application Number differs, Replaced Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

J. Wilson

```
            RAW SEQUENCE LISTING                    DATE: 05/21/2001        Does Not Comply
            PATENT APPLICATION:  US/09/587,662A     TIME: 15:49:26      Corrected Diskette Needed

            Input Set : A:\seqlistcorr.txt
            Output Set: N:\CRF3\05212001\I587662A.raw

      3 <110> APPLICANT: Au, Jessie L.-S.
      4        Wientjes, 'M. Guillaume
      6 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING DRUG ACTIVITY
      7        THROUGH TELOMERE DAMAGE
      9 <130> FILE REFERENCE: JAG-004
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/587,662A
C--> 12 <141> CURRENT FILING DATE: 2000-06-05
     14 <150> PRIOR APPLICATION NUMBER: 60/137,549
     15 <151> PRIOR FILING DATE: 1999-06-04
     17 <160> NUMBER OF SEQ ID NOS: 11
     19 <170> SOFTWARE: PatentIn Ver. 2.0


ERRORED SEQUENCES

    131 <210> SEQ ID NO: 11
    132 <211> LENGTH: 24
    133 <212> TYPE: DNA
    134 <213> ORGANISM: Artificial Sequence
    136 <220> FEATURE:
    137 <223> OTHER INFORMATION: Description of Artificial Sequence: primer/probe
    139 <400> SEQUENCE: 11
    140 ttagggttag ggttagggtt aggg                              24
E--> 142  1
```

VERIFICATION SUMMARY   DATE: 05/21/2001
PATENT APPLICATION: US/09/587,662A   TIME: 15:49:27

     Input Set : A:\seqlistcorr.txt
     Output Set: N:\CRF3\05212001\I587662A.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:142 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:24 SEQ:11